Conversion of toxic organic compounds into electricity by micro organisms

5207. SHRI RAMA MUNI REDDY SIRIGIREDDY: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that some micro organization convert toxic organic compounds such as Toluene into electricity;

(b) if so, the details thereof;

(c) whether the Ministry has carried out any study/research on this; and

(d) if so, the details of such study/research?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Department of Biotechnology have informed that Micro-organisms cannot convert toxic organic compounds such as toluene to electricity. However, microorganisms can convert organic compounds to inflammable gases such as methane, hydrogen which can be used as fuel.

(c) and (d) No study has been carried out on this so far.

Need forTechnical Improvement in Power Sector

†5208. SHRI RAM JETHMALANI:
SHRI RAJIV RANJAN SINGH 'LALAN':

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that there is a scope of vast improvement in the technical field of powering the country;

(b) whether Government have identified the fields like distribution, transmission and production for the technical improvement; and

(c) if so, assessment of the increase in availability of power in the above s^id. fields after the technical improvement?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) to (c) Technology upgradation is

†Original notice of the question was received in Hindi.